(1)	P &			ATTY DOCKET NO.	APPLICATION NO.				
O I P E INFORMATION DISCLOSURE CITATION					50588/35 APPLICANT(S)		09/820,331		
/		Ause several sheets if necess		Charles R. Broadus					
MAR 2	0 200	no ' '	,,		FILING DATE	I	GROUP ART UNIT		
13		` <i>\tall</i>			March 27, 2001			2611	
*EXAMINER	EMAP	5	U.S	. PATENT	DOCUMENTS	· · · · · · · · · · · · · · · · · · ·			
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS SUBCLASS		FILING DATE IF APPROPRIATE	
	A1	6,518,986 B1	02/11/03	Mugura		345	810	10/17/97	
!!!	A2	6,782,551 B1	08/24/04	Entwistle	-	725 46		07/10/00	
	A3	6,757,906 BI	06/29/04	Look et al	l.	725	45	03/30/00	
How	A4	6,037,933	03/14/00	Blonstein	et al.	345	327	11/13/96	
Hory	A5	6,600,503 B2	07/29/03	Stautner	et al.	345	854	12/21/00	
			U.S. PATEN	T APPLICA	ATION PUBLICATIONS				
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS SUBCLASS		FILING DATE IF APPROPRIATE	
Anny	B1	2002/0056087 A1	05/09/02	Berezowski et al.		725	9	03/30/01	
thray	B2	2002/0184627 A1	12/05/02	Alba et al.		725	39	05/28/02	
'									
			FORE	IGN PATE	NT DOCUMENTS	:		-	
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS -	SUBCLASS	TRANSLATION YES NO	
						:			
						:			
				<u> </u>		_			
						:			
		OTHER DOCUMEN	ITS (Including	g Author,	, Title, Date, Pertinent P	Pages, Etc.)		
	. 1	Office Action mailed Mar			on No. 09/820,083, filed Ma		·		
the .	ĺ	CI	ŕ	• •	· · · · · · · · · · · · · · · · · · ·				
`' `/		000	• • • • • • • • • • • • • • • • • • • •			:			
	ŀ	i	ober 21, 2004 fo	r Applicat	ion No. 09/820,083, filed M	arch 27, 200)1.		
thay	ľ	C2			•	:			
EXAMINE	<u> </u>	11			DATE CONSIDERS	:			
LAMINE	`	the kind			DATE CONSIDERED	8/17/	o f		
*EXAMINE	R: Initi	al if reference considered, whethe	r or not citation is	in conform				conformance and not	
wnsidered	. indi	de copy of this form with next com	nmunication to ap	plicant.		<u> </u>			
Form PTO-	A820	V		P09C	/REV04 Pat	ent and Tradem	ark Office * U.S. DEF	PARTMENT OF COMMERCE	

10	<u>~</u>					ATTY DOCKET NO. 50588/3		APPLICATION (09/	NO. 1 820,331		
015	FINE	ORMATION DIS	CLOSURE	CITATION		Charles R. Broadu	ıs ·				
	. 🥎	3	iceta ii necess	ary)					GROUP ART		
MAR Z U	MAR 2 0 2006					March 27,	2001		2611		
0		// 		U.S	S. PATENT	DOCUMENTS	•				
EXAMINER INITIAL	DATE DATE			NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
Hray	A6	5,623,592		04/22/97	Carlson e	t al.	395	348	10/18/94		
thry	A7	5,621,456		04/15/97	Florin et :	al.	348	7	06/22/93		
Hay	A8	6,151,059		11/21/00	Schein et	al.	348	13	08/05/97		
Phay	A9	6,323,911 B1		11/27/01	Schein et	al.	348	552	04/28/97		
May	A10	5,691,742		11/25/97	O'Connoi	r et al.	345	116	05/24/95		
'				U.S. PATEN	IT APPLIC	ATION PUBLICATIONS					
*EXAMINER		DOCUMENT N	NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
			_								
											
							:				
				FORE	IGN PATE	NT DOCUMENTS					
		DOCUMENT N	NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANS	LATION NO	
								<u> </u>			
									<u> </u>		
					<u> </u>						
			ER DOCUME			, Title, Date, Pertino	<u> </u>)			
		1	on mailed Ap	ril 8, 2005 for A _l	pplication	No. 09/820,083, filed N	March 27, 2001.				
thay		C3					· :				
		Office Action	on mailed Ju	y 25, 2005 for A	pplication	No. 09/820,083, filed [March 27, 2001.				
Hray		C4	1				:				
EXAMINE	R	11				DATE CONSIDERED	<u>:</u> .				
2.500000		7	ho			DATE GUNSIDERED	08/17/0	4			
*EXAMINE considered	ER: Inil d. Incl	ial if reference consude copy of this form	vith next co	er or not citation is mmunication to ap	in conform	nance with MPEP 609; [Draw line through o	station if not in	conformance	and not	
Form PTO	-A820		4		POSC	Z/REV04	Patent and Tradem	art Office : II S DE	DARTMENT OF	COMMEDCE	

· た · こく Mily Mine (Tree Mill 1987 1987 - Anno 1987 - 19

Form PTO-A820 (also form PTO-1449)

O PRESPINATION DISCLOSURE CITATION					ATTY DOCKET NO. 50588/35			APPLICATION NO. 09/820,331				
MAR 20 2006					Charles R. Broadus							
MAR 2	0 2006	2082			FILING March 27, 2001				GROUP ART 2611			
EXAMINE		<i>E</i> /	U.	.S. PATENT	DOCUMENTS		:					
EXAMINE INITIAL	ANO	DOCUMENT NUMBER	DOCUMENT NUMBER DATE		NAME		CLASS SUBCLASS		FILING DATE IF APPROPRIATE			
Hory	All	6,211,858 B1	04/03/01	Moon et a	al.		345	146	09/26/97			
	<u> </u>											
							:					
	ļ						:	_				
			U.S. PATE	NT APPLICA	ATION PUBLICATION	vs.	-					
*EXAMINER DOCUMENT NUMBER			DATE		NAME		CLASS SUBCLAS					
IIIII					···		:		IF APPROPE	KIATE		
	ļ											
			<u> </u>				: :	·				
		· · · · · · · · · · · · · · · · · · ·	FOR	EIGN PATE	NT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY			CLASS	SUBCLASS	TRANSI YES	ATION NO		
	ļ								<u> </u>			
	ļ					_	:					
	_						-					
	<u> </u>											
		OTHER DOCU	MENTS (Includia	ing Author	Title, Date, Perti	nent P	ages, Etc	 :.)	<u> </u>			
		Office Action mailed	February 27, 2006	for Applica	ntion No. 09/820,083,	, filed N	1arch 27, 2	2001.				
Hory		C5										
1							:		· ·			
								: <u>-</u>				
EXAMINE	R.	Alabor			DATE CONSIDEREI	908	117/0	6		ï		
*EXAMINI considere	ER: Initi d. Inclu	al if reference considered, who de copy of this form with next	ether or not citation i communication to a	is in conform	ance with MPEP 609				conformance	and not		
												

Copyright 1994-97 LegalStar

P09C/REV04

^ 						·			
		•			ATTY DOCKET NO	APPLICATION NO.			
	INP	ORMATION DISCLOSURI	E CITATION		APPLICANT(S)				
ĺ	Ι.	₹.\	sary)	Charles R. Broadus FILING DATE			GROUP ART UNIT		
	B A	PR 2 7 2006 &			March 27, 200)1		2611	
	180	DOCUMENT NUMBER	U.\$	S. PATENT	DOCUMENTS		-		
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME		SUBCLASS	FILING DATE	
Hray	Al	6.518,986 BI	02/11/03	Mugura	·	345	810	10/17/97	
Huy	A2	6.782,551 B1	08/24/04	Entwistle	-	725	46	07/10/00	
Hmy	A3	6.757.906 B1	06/29/04	Look et al	l.	725	45	03/30/00	 -
Hory	A4	6.037.933	03/14/00	Blonstein	et al.	345	327	11/13/96	
Hony	A5	6.600.503 B2	07/29/03	Stautner 6	et al.	345	854	12/21/00	
			U.S. PATEN	IT APPLICA	ATION PUBLICATIONS	:			
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
thry	B1	2002/0056087 A1	05/09/02	Berezowski et al.		725	9	03/30/01	
House	B2	2002/0184627 A1	1 2/05/02	Alba et al.		725	39	05/28/02	
						:			
			FORE	IGN PATEN	IT DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO	
						:			
								,	
						:			
									
		OTHER DOCUME			Title, Date, Pertinent P				
ŀ		Office Action mailed Ma	rch 15, 2004 for	Application	No. 09/820,083, filed Mai	ch 27, 2001.			
Hmy	C					:			i
	\dashv	Office Action mailed Oct	ober 21, 2004 for	Application	on No. 09/820,083, filed Ma	rcb 27, 200	<u> </u>		
thry !	c	.				:			
		<u> </u>							
EXAMINER		Ham			DATE CONSIDERED	1,2106			
EXAMINER considered	R: Initia Includ	I if reference considered, whethe le copy of this form with next com	r or not citation is i	in conforma				nformance	and not
			app	muaill.					

					T. T. DOGUET NO					
	IME	ORMATION DISCLOSUR			ATTY DOCKET NO - 50588		APPLICATION 09	NO. 9/820,331		
	liur -	(Use several sheets if nece			Charles R. Broad	Jus				
				·	FILING March 27	7, 2001	GROUP ART	2611		
			U	.S. PATEN	T DOCUMENTS	:				
EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DA		
Hmy	A6	5,623,592	04/22/97	Carlson e	et al.	395	348	10/18/94	PRIATE	
Hory	A7	5,621,456	04/15/97	Florin et	al.	348	7	06/22/93		
Hony	A8	6,151,059	11/21/00	Schein et	al.	348	13	08/05/97		
	A9	6.323,911 B1	11/27/01	Schein et	Schein et al. 348 552		552	04/28/97		
Hary	A10	5,691,742	11/25/97	О'Соппол	r et al.	345	116	05/24/95	05/24/95	
			U.S. PATE	NT APPLIC	ATION PUBLICATION	is		1		
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
								IF APPROP	RIATE	
							 			
							+			
			FORE	EIGN PATE	NT DOCUMENTS			<u> </u>		
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS		SLATION	
							 	YES	NO	
								<u> </u>	 	
				 			 			
				 						
				<u> </u>				!		
		OTHER DOCUM	ENTS (Includin	ng Author,	Title, Date, Pertine	ent Pages, Etc.	_)	<u></u>		
		Office Action mailed Ap				- , -				
try	ľ	C3				:				
	7	Office Action mailed Ju	ıly 25, 2005 for Aj	pplication !	No. 09/820,083, filed N	March 27, 2001.				
truy	C	C4				:				
XAMINER	 _				2 - T COMMENTED	<u> </u>				
APUHITA		Mary			DATE CONSIDERED	08/17/0	6			
EXAMINER	₹: Initia	al if reference considered, wheth	ner or not citation is	in conform:	ance with MPEP 609; C			onformance	and not	
Msidereu.	Inciu	de copy of this form with next co	mmunication to apr	plicant.					ľ	

					TATTY DOCKET NO		1.55.1047101		
	INF	ORMATION DISCLOSUR			ATTY DOCKET NO- 50588		APPLICATION 09	NO. 9/820,331	
	liv, .	(Use several sheets if nece			Charles R. Broad	dus			
! L					FILING March 2	27, 2001	GROUP ART	2611	
			U	J.S. PATEN	T DOCUMENTS	: :			
'EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DA	··-
Hray	All	6,211,858 B1	04/03/01	Moon et	al.	345	146	09/26/97	
41-7	 	 		 			-	-	
	 	-					 		
	 								
<u></u>	<u> </u>								
-			U.S. PATE	ENT APPLIC	ATION PUBLICATION	łs			r *
'EXAMINER	DOCUMENT NUMBER				NAME	CLASS	SUBCLASS	FILING DAT	
			+	+			+	IF APPROP	RIATE
			+	+			+		
			-	+					
	 			+				<u> </u>	
	!								
			FOR	EIGN PATE	INT DOCUMENTS				
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBCLASS	TRANSI	SLATION
						-	 	160	NO
			+	_			 		
			+	 			+		
			+						
		 		 					<u> </u>
			<u> </u>						i
		Office Action model Fo	•	ng Author,	Title, Date, Pertine	ent Pages, Etc.)	1		
ľ	c	Office Action mailed Fe	:bruary 27, 2006 i	for Applicat	tion No. 09/820,083, f	filed March 27, 200	01.		
truy		•				:			
						<u> </u>			
		1				:			
XAMINER		111			DATE CONSIDERED	1			
	_	- TAN				08/17/06	,		
EXAMINER onsidered.	t: Initial	al if reference considered, whethere copy of this form with next co	er or not citation is	in conforma	ance with MPEP 609; [Oraw line through cit	tation if not in co	nformance	and not
	•	, , , , , , , , , , , , , , , , , , ,	Ammunication to up,	piicani.		ŧ			

Copyright 1994-97 LegalStar

P09C/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

OF 3